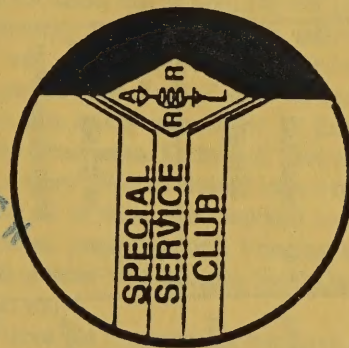


July 1994

HAM SPLATTER



FORT WAYNE
RADIO CLUB

FORT WAYNE, IN

FROM: THE FORT WAYNE RADIO CLUB
P.O. BOX 15127
FORT WAYNE, IND 46885

BULK RATE
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K9OMA/KA9YYI
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16702 WAPPES RD.
CHURUBUSCO, IN 46723

July 1994 - Communications Calendar

SUN	MON	TUE	WED	THUR	FRI	SAT
	<div>May 1994</div> <div>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</div>	<div>August 1994</div> <div>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</div>			<div>1</div> <div>RAC Canada Day ontest</div>	<div>2</div>
<div>3</div> <div>Swap Net 00:30</div> <div>Sloppy Code 02:00</div>	<div>4</div> <div>US Independence Day</div>	<div>5</div> <div>Hunt. ARES 01:00</div> <div>TNT 20:00</div>	<div>6</div> <div>Whitley ARES 00:15</div>	<div>7</div>	<div>8</div>	<div>9</div> <div>CQ WPX VHF ></div> <div>IARU HF WC ></div>
<div>10</div> <div>Swap Net 00:30</div> <div>Sloppy Code 02:00</div> <div>< CQ WPX VHF</div> <div>< IARU HF WC</div> <div>< Indianapolis Hamfest</div>	<div>11</div> <div></div> <div>Fort Wayne FoxHunt</div> <div>19:00 AC Fairgrounds</div>	<div>12</div> <div>Hunt. ARES 01:00</div> <div>TNT 20:00</div>	<div>13</div> <div>Whitley ARES 00:15</div>	<div>14</div>	<div>15</div> <div></div> <div>FWRC Meeting 19:30</div>	<div>16</div> <div>Columbian Indep Day ></div>
<div>17</div> <div>Swap Net 00:30</div> <div>Sloppy Code 02:00</div> <div>< Columbian Indep. Day</div> <div>VanWert Hamfest</div>	<div>18</div>	<div>19</div> <div>Hunt. ARES 01:00</div> <div>TNT 20:00</div>	<div>20</div> <div>Whitley ARES 00:15</div>	<div>21</div>	<div>22</div>	<div>23</div> <div>Venezuela CW DX ></div> <div>SEANET CW ></div>
<div>24</div> <div>Swap Net 00:30</div> <div>Sloppy Code 02:00</div> <div>< Venezuela CW DX</div> <div>< SEANET CW</div>	<div>25</div>	<div>26</div> <div>Hunt. ARES 01:00</div> <div>TNT 20:00</div>	<div>27</div> <div>Whitley ARES 00:15</div>	<div>28</div>	<div>29</div>	<div>30</div> <div>Connecticut QSO Party ></div>
<div>31</div> <div>Swap Net 00:30</div> <div>Sloppy Code 02:00</div> <div>< Connecticut QSO Party</div>						

Check QST and CQ for Contest Times and Rules

[Key: > Event begins < Event ends]

NET FREQS: TNT 146.76 Murphy Swap 146.94 Sloppy Code 7.1405 Huntington ARES 146.685 Whitley ARES 147.150

Daily Nets: Ft Wayne 6m 50.58 (simplex) 00:00 | IMO Traffic 146.88 23:30 | 21 Repeater Group 147.150 02:00 | Auburn 147.360 23:00

The Hamsplatter

A Newsletter for the Fort Wayne Radio Club Members

Vol XX Issue 7

July 1994

Cliff's Notes:

After Kathy Harris (The Samaritan's Chief Crew Nurse) gave last month's presentation we headed for Parkview Hospital to see the "Sleeping Beauty". As we crowded the elevators I knew we were about to see a multi-million dollar aircraft. But, until I started to walk thru the airwing leading to the landing pad did I get butterflies. There she sat on the pad. The landing lights around her reflected off of the brilliant green and white body of the craft. For some unknown reason I felt we were much higher up than we actually were. Looking inside the Samaritan makes one truly appreciate the use of high technology. Thanks again to pilot Dan and crew nurse Kathy for a wonderful tour of the Samaritan, and also the added bonus of seeing Parkview's weather tracking operations.....Also, I would like to thank Kathy Raptis for making me aware that I was about to walk off of the edge of the launchpad. (That first step would have been a big one.) How does one get lost in a parking garage? Don't ask me, but I guess I did. Thanks to Bill Hall for operating the "Lost and Found" Dept that evening. I'm lucky to be here!

hi hi.....

Field Day has finally come and gone. But what a great time we had. Sure, we had a little rain. But it sure didn't dampen anyone's spirit. The gang all showed up Friday afternoon for set up. John Goller came wheelin' in with that hi-powered good lookin' Gremlin pulling the new FWRC Field Day trailer. Then came Jean Anderson with a carload of food and a fat guy in the front seat wearing thick glasses. I think Dino was a man with a plan, he seemed to know how to set up the show. Before I knew it the three towers were pointing toward the stars. Jean, Kathy, Lisa and all of the girls were working their little hands off preparing food. These gals can really cook! Lets give all of them a BIG HAND @%\$&*#@!???? I couldn't believe how well John had organized all of the equipment in the trailer. (I could tell this guy has been to a few Field Days.) Our CHIEF Electrician Bill Hall kept plenty of electrons flowing the entire weekend. (only got shocked once.) Good job Bill!

All thru the park you could hear sounds of CQ, QRZid, and W9TE. What a great chicken dinner! What a great time. Did you know that WANE NEWS 15 spent 1 & 1/2 hours shooting video and doing interviews? Kathy Raptis was giving a wonderful testimony to the cameraman of what Field Day is all about when her interview was rudely interrupted by three scoundrels behind the cameraman. Kathy will have to tell you "the rest of the story". We did indeed have a real Field Day. Thanks to all of those who worked hard setting up, tearing down, preparing food, bringing in equipment, and to all of those who attended Field Day 94'. My hat goes off to you!

Grab those old prescriptions you have setting in the medicine cabinet. Get those medications you're taking that you think aren't doing you any good. Get those generic drugs you paid less for and bring them to this months meeting. St. Joe Medical Center Pharmacist, Jim Avilla will be our guest speaker. Jim will be talking on the usage and effects of medications we all take from time to time. Does the caffeine in your morning coffee mix with the medication you're taking? Is the generic drug you're taking equivalent to the brand name drug you had before? Do you know what medication to give little Johnny and Susie when they get sick? Write your questions down and bring them with you. This is a program for the entire family. Dont miss it!

Well, that about winds it up for this months Cliff Notes. June has been a long, hot busy month. I'm going to find me a hammock, a tall ice tea, and a fishin' pole. Have a safe July. See ya' at the meeting.

" Saloon for now "

73' Cliffie N9MKB

Hamfest Concessions Meeting

An organizational meeting will be held on July 27 at Carole Burkes house at 7pm. Go west on Carrol Rd from State Road 3, then south on millstone drive, address 11714. Call 637-1989 for more info or directions. Any interested volunteers are more than welcome. It's hard work, but a lot of fun. Muncies will be provided.



May 1994 Minutes

The following are the recorded minutes of the Fort Wayne Radio Club:

The June meeting of the Fort Wayne Radio Club was called to order at 7:45 pm by Cliff Shreve, N9MKB on June 17, 1994. The minutes were read and approved after one correction.

Treasurers Report - Expenditures:

\$300 for the spring Banquet, \$466 Field Day
\$192 Diople Antennas, \$1300 Field Day Trailer
\$150 Parks Department

Old Business:

- * QSL Cards - No Report
- * Karl N9NRO is programming the new repeater controller.
- * Some Code and Theory tapes were donated to the FWRC for auction. They were bought by K9UWA for \$6.

* The new field day station trailer is complete. Bill WD9HII, Jim KR9U, Charlie KC9LA and John K9UWA worked on it. \$1000 was originally allocated for the trailer, \$1300 was actually spent. Bill WD9HII made a motion that \$300 be allocated to cover the full cost. Seconded by Jim K9OMA. All of the tents have been repaired. Dino had taken care of the public service announcements for TV and radio. The Chicken Dinner time and ticket information was announced that a BINGO game would be held afterwards.

Program:

Given by Kathy Harris, Chief Flight Nurse, of the Samaritan Helicopter. Following her presentation, the club members travelled out to Parkview Hospital to see the aircraft on the flight deck.

Respectfully submitted, Carole Burke, WB9RUS

Silent Keys

Harold "HAP" Norton, W9PRO, passed away on Saturday June 18, 1994. Hap served as a broadcast engineer for WOWO for 8 years and then was chief of communications for the Fort Wayne Fire Dept with 24 years of service. He is survived by his wife Betty, four sons and one daughter.

Fred Fischer W9DW passed away in November. He served 40 years with Westinghouse Broadcasting. He is survived by his wife Dorothy and one step son.

The following is a listing of the Fischer Estate which is for sale by the Welfare Committee:

- *Kenwood TS940S Transceiver. Gen Coverage. Solid State.
- *Kenwood SP940 Speaker P/S for TS940
- *Kenwood AT230 Antenna Tuner w/ power meter
- *Kenwood MC60 Desk Microphone
- *AEA PK232 Terminal Node Controller for packet
- *Vibroplex Paddle key on chrome base
- *MFJ 407B Deluxe Keyer
- *Drake DL300 300 w. dry dummy load
- *Drake TV300LP Low Pass Filter
- *Homebrew Capacitance meter
- *Stoddart Headphones w/ ear pads
- *Kenwood AC10 Power adaptor (handheld wall charger)
- *A/C Adaptor 6 v. DC power adaptor
- *Miscellaneous - Various ferrite cores, resistors, wire, project boxes.

All of the above equipment is exceptionally clean and in excellent condition. For more information and/or viewing contact:

Bill Kindred, WA9RAP @485-8044
or Bill Hall, WD9HII @485-3995



DX News Summary

- OPDX & BARF-80 BBS

5H, TANZANIA. Andy, RW3AH, (Russian ARES Chief Co-ordinator) informs OPDX that R3ARES/5H, the club station of HQ Russian ARES, has moved with the Russian rescue team to Tanzania from their recent operation in former Yugoslavia (R3ARES/YU). The rescue team from the Russian Ministry of emergency situations is providing humanitarian UN aid for Rwanda refugees in Tanzania. This station is only active daily during the R_ARES Net on 14292 kHz at 0700z (sometimes at 1700z). QSL via RW3AH.

DX News Summary

- (Cont.)

9N, NEPAL. Presently there are only three operators in 9N-land (9N1AA, 9N1HA AND 9N1RB). It is reported that only 9N1AA and 9N1HA have their own station. 9N1AA's name is Satish, and he has worked SSB and RTTY in the past, but has recently discovered the mode PACTOR. He is having a problem working stateside stations and is looking for anybody that could help him solve the problem. If you can help, leave a message in JA5TX's Mailbox, Satish checks it daily.

9V, SINGAPORE. The station 9VIARU of the Singapore Amateur Radio Transmitting Society will be active in the upcoming IARU contest under the "HQ" category as an official IARU region 3 member organization. Operators will be 9V1YC, 9V1ZB and JE1JKL, plus additional society members (callsigns not confirmed yet). The station is restricted by law to only operate at 100W, so they hope stations will be looking for them. (I'd like to see their "Part 97" penalties! -ed)

CN, MOROCCO. Valentini, IK4JQO, will be signing CN2VA from August 6-22th. He will operate only SSB on 10-80 meters (especially 12-17 meters). He will also be active from Mogador Island (AF-065). QSL via IK4JQO.

FR/G, GLORIOSO ISLAND. "QRZ DX" mentioned that FR5ZQ will be active during the months of July and August. This country is rated 17th on the OPDX Most Wanted List for 1993.

HH, HAITI. For a short period of time (length was not given) there will be some activity from N4MU/HH2 and W6RCL/HH2. They are both employed by U.S. television news agencies and temporarily assigned to Port-Au-Prince, Haiti. N4MU is running 100 W to a TS-50 and has concentrated on 15-40 meters, while W6RCL is running 100 W to an IC-725 and has a longwire which loads from 160-10 meters. Both are SSB only operations, neither of them brought a key or keyer. W6RCL was last heard on 14190 kHz around 0300z.

ZS, SOUTH AFRICA. ZS6IR plans to be active on SSB daily from 2000 to 0600z between 3780 and 3800 kHz and between 7045 and 7055 kHz. QSL via DL4JZ (Note: The address of ZS6IR in the callbook is wrong).

Ham Product Reviews

- By Ed VanOverLoop, WA2UGT

Ed Note: A big thanks to Ed and the Stateline Radio Club of Park Ridge, NJ for providing the following article for the Hamsplatter.

The blizzard of '93 gave me the excuse I needed to check out a new transceiver while being snowed-in for a day or two.

As I was Telling Larry, K9VFE, I have been having a really good time comparing radios and writing reviews for our local radio club newsletter.

I have tested and compared ten modern transceivers in recent years and find many similarities between comparing radios and comparing automobiles. They all do the job, but some are smoother, quieter, or easier to handle. And yes, you do get what you pay for -- quality does show through in all the radios I have tested. However, spending two to four times the purchase price of a good, moderately priced, radio or automobile does not give a proportionate gain in performance. Gains or improvements, when present are generally very slight, and in most cases, it is hard to justify the additional costs. Of course, if you want and can afford the Mercedes, buy it, but remember that a good Ford or Chevy will get you to California and back just about as well.

KENWOOD TS 450S

Gilfer Radio in Park Ridge, our local shortwave and ham radio outlet, kindly lent me a new Kenwood TS-450S to compare with my older TS-440S.

Both radios are the same compact size and shape, but the TS-450S has some new circuitry and features. I immediately noticed that the "450" had a two speed tuning system with a very slow speed for ease of tuning CW or SSB. This, plus the VFO "quick tune" feature that allows QSY 10 KHz at a time, were nice additions to the new radio.

The "450" has a better choice of filter selection, and optional filters may be added at two of the three I.F. stages for better selectivity on CW or SSB. Allowing selection of the installed filters, in any combination, adds up to filtering about as "good as you can get" in a radio this size. Either radio with the standard filters has the same selectivity, but the new "450" allows more versatility.

The notch on the "450" is easier and smoother to tune than that on the "440", and the new radio uses a bar type S-meter which is easier to read and includes a peak reading "hold" feature. I also liked the new power level control for SSB which can now be adjusted from 10 to 100 watts whereas the "440" will only run wide open on SSB.

Side-by-side comparison showed no difference on sensitivity or selectivity without the optional filters installed. The internal receive noise was slightly less on the "450" and I found the new A.I.P. button to be of no advantage -- it seemed to only act as an attenuator. Strong signals on 75 meters tended to overload the "450" and required the use of the regular attenuator.

Ham Product Reviews

- (Cont.)

The frequency calibration of the two radios was close only .02 Hz different, and the "450" did not require retuning the tuning dial when switching from SSB to CW mode. The "440" must be retuned 700 or 800 Hz when changing modes to correctly show the operating frequency.

The new internal antenna tuner is a real pleasure to use as it not only has memories for nearly instant tune-ups, but it also has a broader range of SWR that it will handle.

To summarize, overall the new TS-450S is a better transceiver than the older TS-440S, but only in features, not in its ability to work stations under most conditions.

KENWOOD TS-850S

Ever since the Kenwood TS-850S was introduced, I wondered whether it was really a better radio than some of its predecessors, I was recently granted the opportunity to spend a week testing and comparing an "850" to my TS-440S, and I jumped at the chance. In a word, it is a better radio. Here are my observations.

The "850" has very nice tuning with two standard tuning rates. Ten KHz per revolution of the dial for normal tuning and one KHz/rev for fine tuning. The fine tuning rate made it particularly easy to zero in on Both CW and SSB signals. There is also a fast QSY knob which tunes up or down the bands in 5 or 10 KHz steps.

SSB power is easily set with a new power level control which allowed me to try QRP. On my first call, I made a contact to Europe using only five watts!

The receiver is where the rig really stands out. Kenwood has added a receive-audio tone control which helps in reducing high-end noise on some speakers. This, combined with the 2.7 KHz SSB filter, results in some of the best SSB audio I have ever heard -- nearly as good as AM. And on AM, the radio sounded better on shortwave or the broadcast band than any other ham radio I have ever used.

Even though the receiver sensitivity is approximately the same as that of my TS-440S, the selectivity of the TS-850, using the new slope tuning feature, is vastly improved, making it easy to eliminate splatter from adjacent frequency QSO's. I also like the new AGC circuit, which allows you to select slow, medium, fast, or no AGC, as conditions warrant.

The transmitter circuit features RF speech compression and audio "high boost" giving the radio an advantage over my TS-440s and several other rigs I have tested recently. In addition there is built-in audio monitoring, which is a real convenience when selecting your choice of microphones, speech compression and gain level.

Finally, the new digital S-meter with peak and hold features was very legible and easier to read than the black faced analog meter on my TS-440S. The new "memory" automatic tuner seems to be able to handle a wider range of SWR than the older style and allows incredibly fast tuning.

In summary, the Kenwood TS-850S is a definite improvement over most earlier model transceivers that I have used. The "850" has the best audio on both receive and transmit that I have heard. Adjustable selectivity and several other improvements in the radio are very worthwhile, and give this radio a definite edge over my TS-440S, and an ICOM 765 (which worked very satisfactorily and had a nice feel to its tuning knob but no other outstanding features), and the other radios recently tested and reviewed in this newsletter.

In one of my next articles I'll review a Yaesu FT-990 or the FT-1000, if anyone knows where I could borrow one for a few days.



Allen County Fox Hunt

The June Fox hunt was won by Walt, N9AVR. Curiously, Cliff N9MKB (Walt's partner in the past three hunts) wasn't there to "help" Walt this time!

The next Allen County/Fort Wayne Area Fox Hunt will take place on Monday, July 11 at 19:00. Meet at the Allen County Fairgrounds on Carroll Rd. You don't have to own DF equipment to participate. There is always plenty of room to ride along!



AM I HITTING THE REPEATER ANY BETTER?
I THINK I GOT A BETTER GROUND

FORT WAYNE AREA OPEN 2 METER REPEATERS

CALL	FREQ	OFFSET + -		TOWN	TONE RPT.OUT	TONE RPT.INP.	AUTO PATCH	CH. NO.	H.T. ACC.
W9TE	146.760		X	FT. WAYNE	131.8				X
W9TE	146.910		X	FT. WAYNE			ONLY		X
W9INX	146.880		X	FT. WAYNE					X
W9INX	147.255	X		FT. WAYNE			YES		X
NA9C	146.940		X	FT. WAYNE			YES		X
WD9AVW	147.165	X		FT. WAYNE					
K9YRS	145.330		X	FT. WAYNE					X
WB9AEI	147.180	X		ANGOLA		131.8			
WD9X	147.150	X		CROMWELL					
WD9VDK	147.360	X		AUBURN					
N9BHA	146.685		X	HUNTINGTON					
W9YFI	145.470		X	DECATUR			YES		
W8FY	146.850		X	VANWERT OH.					
W9EBN	146.790		X	MARION					
K9MMQ	145.130		X	WARSAW	131.8				
WD8PRH	145.190		X	DESHLER OH.					
WB8ULC	146.670		X	LIMA OH.					

FORT WAYNE AREA OPEN 440 MHz REPEATERS

CALL	FREQ	OFFSET + -		TOWN	TONE RPT.OUT	TONE RPT.INP.	AUTO PATCH	CH. NO.	H.T. ACC.
W9INX	443.800	X		FT. WAYNE					X
W9TE	444.875	X		FT. WAYNE					X
K9YRS	444.800	X		FT. WAYNE					
WB9PXT	444.300	X		FT. WAYNE	131.8	131.8	YES		X
KA9LCF	442.450	X		AUBURN					X
KA9TQU	444.425	X		WARSAW					
KA9OHV	443.050	X		WARSAW					
KC9DZ	443.975	X		ANDREWS					
W9FRU	443.725	X		DECATUR					
WB9DGD	443.350	X		ANGOLA					
KC9GX	442.925	X		HUNTINGTON					
WZ9C	444.550	X		COLUMBIA CITY					
N9IXI	444.150	X		SILVER LAKE					
WB9VLE	444.150	X		WOLF LAKE					

For Sale...

Want to trade MFJ-817 UHF Wattmeter for MFJ-815 Wattmeter.

Want 256x9 SIPP or SIMM RAM. Reasonable.

Contact Ernie, NX8N, 417-5824



Do you have an interesting article, news item, or cartoon which you can contribute to the Hamsplatter? Do you have some spare equipment collecting dust that you want to sell? If so, please contact me, Kris, KF9AW. My day phone is 487-3286, evenings 486-7324. Packet messages can be directed to me on 144.91, cluster KR9U or K1FJ-2, or on 144.97, W9INX.

1994 MEMBERSHIP DATA:

NAME _____ CALL _____ CLASS: N T G A E

MAIL ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

HOME TELEPHONE # () _____ WORK TELEPHONE # () _____

SHALL WE LIST YOUR ADDR/PHONE# IN MEMBER ROSTER? Y N ARRL MEMBER? Y N

MEMBERSHIP TERM: (JAN-DEC) (JULY-DEC, July 1-Dec 31 ONLY)
FAMILY MEMBERSHIP: _____ \$21.00/yr \$10.50/yr immediate family(list all calls)
REGULAR MEMBERSHIP: _____ \$15.00/yr \$7.50/yr licensed member
STUDENT MEMBERSHIP: _____ \$ 6.00/yr \$3.00/yr full time student
ASSOCIATE MEMBER: _____ \$15.00/yr \$7.50/yr unlicensed member
YOUR CHECK NUMBER # _____ PLEASE PAY BY CHECK, IT'S EASIER FOR BOTH OF US!

PLEASE RENEW YOUR ARRL MEMBERSHIP THROUGH THE FORT WAYNE RADIO CLUB, INC.
ITS EASY! SEND YOUR ARRL RENEWAL FORM AND A CHECK (payable to FWRC) TO THE CLUB.

FORT WAYNE RADIO CLUB MEMBERSHIP HANDBOOK

Provided at no cost to club members, this handbook provides a full set of information about present and past Club activities, events, and functions. The handbook is available in a clear cover binder, and is upgradeable by easy insertion of new pages into the three-hole binder.

The Hamsplatter

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